

In the application of: Wing Foon LEE; Pak Kwong CHAN
 Serial No.: 09/916,224
 Filed: July 27, 2001
 For: METHOD FOR NULLING CHARGE INJECTION IN SWITCHED NETWORKS

POWER OF ATTORNEY AND CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Docket No. 509702000100

Nanyang Technological University, a corporation organized under and present to the laws of Singapore, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An assignment from the inventor(s) of the patent application identified above, of which a copy is attached.

I hereby appoint the following attorneys and agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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 Kevin R. Spivak (Reg No. 43,148)
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 Karen R. Zachow (Reg No. 46,332)

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 2 NOVEMBER 2001

Name: YEONG HIN YUEN
 Title: DIRECTOR

Attorney Docket No.: 509702000100

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Wing Foon LEE and Pak Kwong CHAN (hereinafter referred to as the assignors), residing at Block 206A Compassvale Lane #13-63 Singapore 541206 and Block 423, Yishun Avenue 11, #11-542, Singapore 760423, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in METHOD FOR NULLING CHARGE INJECTION IN SWITCHED NETWORKS, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No. 09/916,224 and filed on July 27, 2001; and

WHEREAS, Nanyang Technological University, a corporation duly organized under and pursuant to the laws of Singapore and having its principal place of business at Block 1, Unit 213, 16 Nanyang Drive, Singapore 637722 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

2nd Nov 2001
Date

Wing Foon LEE

2nd Nov 2001
Date

Pak Kwong CHAN